

**Exhibit B**

**“Marked Up” Amendments to Claims Pursuant to Rule 1.121(c)(1)(ii)**

4. (Amended) An isolated nucleic acid [A DNA] molecule encoding a recombinant polypeptide comprising SEQ ID NO:5 or a polypeptide with at least 80% identity to SEQ ID NO:5, and having alcohol and aldehyde dehydrogenase (AADH) activity.
5. (Amended) An isolated nucleic acid [A DNA] molecule of claim 4, wherein the nucleic acid [DNA] molecule is selected from the group consisting of a linear DNA, a circular DNA and an insertion DNA fragment on a chromosome.
10. (Twice Amended) A host cell transformed with [recombinant organism comprising] the recombinant expression vector of claim 6.
11. (Twice Amended) A host cell transformed with [recombinant organism comprising] the nucleic acid [DNA] molecule of claim 4.

29. (Amended) An isolated polynucleotide comprising [selected from the group consisting of] SEQ ID NO:1 [, and polynucleotide sequences which encode a polypeptide with at least 80% identity to SEQ ID NO:5].

30. (Amended) An isolated polynucleotide comprising a polynucleotide sequence encoding a polypeptide [which encodes a] fragment [comprising at least 95 amino acid residues of a polypeptide with the sequence] consisting of amino acid residues 1 to 95 of SEQ ID NO:5 [, which fragment has an alcohol and aldehyde dehydrogenase activity].

31. (Amended) An isolated polynucleotide comprising a polynucleotide sequence encoding a polypeptide [which encodes a] fragment [comprising at least 44 amino acid residues of a polypeptide, the polypeptide having at least 80% identity to] consisting of amino acid residues 1 to 135 of SEQ ID NO:5 [and alcohol and aldehyde dehydrogenase activity].